

**Listing of Claims:**

1. (Currently Amended) A medical image radiographing system comprising:

a control apparatus which manages a radiographed medical image and radiographing order information by relating the 5 radiographed medical image to the radiographing order information, and which transmits the radiographing order information; and

a portable terminal which receives the radiographing order information from the control apparatus,

10 wherein the portable terminal comprises:

an obtaining section which obtains identification information of a cassette which detects the radiographed medical image;

15 a storage section which stores the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received radiographing order information, the radiographing order information being updated renewed according to radiographing; and

20 a communication section which transmits the updated radiographing order information to the control apparatus; and

wherein the control apparatus comprises:

a storage section which stores the radiographing order information transmitted to the portable terminal;

25 a communication section which receives the ~~updated~~ radiographing order information transmitted from the portable terminal;

30 a determination section which determines whether or not the received ~~updated~~ radiographing order information agrees with the radiographing order information stored in the storage section of the control apparatus; and

35 a management section which ~~updates~~ renews the radiographing order information stored in the storage section of the control apparatus to the received ~~updated~~ radiographing order information when the determination section determines that the received ~~updated~~ radiographing order information does not agree with the stored radiographing order information.

2. (Currently Amended) The system of claim 1, wherein the management section stores the identification information of the cassette correlated with the radiographing order information stored in the storage section of the control apparatus, when the received ~~updated~~ radiographing order information agrees with the radiographing order information stored in the storage section of the control apparatus.

3. (Currently Amended) The system of claim 1, wherein the control apparatus further comprises:

a display control section which displays a message which confirms whether or not to ~~update~~ renew the radiographing order information stored in the storage section of the control apparatus, when the determining section determines that the received ~~updated~~ radiographing order information disagrees with the radiographing order information stored in the storage section of the control apparatus; and

10 an input section which inputs an instruction instructing whether or not to ~~update~~ renew the radiographing order information stored in the storage section of the control apparatus;

15 wherein the management section ~~updates~~ renews the radiographing order information stored in the storage section of the control apparatus to the received ~~updated~~ radiographing order information and stores the ~~updated~~ renewed radiographing order information, when the instruction to ~~update~~ renew the radiographing order information is inputted.

4. (Currently Amended) The system of claim 3, wherein in the control apparatus, the input section inputs a modification to the received ~~updated~~ radiographing order information; and

wherein the management section ~~updates~~ renews the  
5 radiographing order information stored in the storage section of  
the control apparatus to the modified radiographing order  
information, and stores the ~~updated~~ renewed radiographing order  
information, when the instruction to ~~update~~ renew the  
radiographing order information and the modification are  
10 inputted.

5. (Currently Amended) The system of claim 3, wherein in the  
control apparatus, the storage section stores a transmission  
history which indicates whether or not the radiographing order  
information has been transmitted to the portable terminal;

5 wherein the display control section displays a message which  
confirms whether or not to cancel the ~~updated~~ radiographing order  
information, when the determining section determines that the  
~~updated~~ radiographing order information disagrees with the  
radiographing order information stored in the storage section of  
10 the control apparatus;

wherein the input section inputs an instruction instructing  
whether or not to cancel the ~~updated~~ radiographing order  
information;

15 wherein the management section controls the communication  
section of the control apparatus to transmit the instruction to  
cancel the ~~updated~~ radiographing order information to the

portable terminal, and ~~updates~~ renews the transmission history of  
the radiographing order information stored in the storage section  
of the control apparatus to indicate that the ~~updated~~  
20 radiographing order information has been canceled, when the  
instruction to cancel the ~~updated~~ radiographing order information  
is inputted;

wherein in the portable terminal, the communication section  
receives the instruction to cancel the radiographing order  
25 information transmitted from the control apparatus; and

wherein the storage section of the portable terminal deletes  
the ~~updated~~ radiographing order information corresponding to the  
radiographing order information for which the instruction to  
cancel is received.

6. (Previously Presented) The system of claim 1, further  
comprising an information management apparatus which  
transmits the radiographing order information to the control  
apparatus;

5 wherein the communication section in the control apparatus  
transmits the radiographing order information correlated with the  
identification information of the cassette stored in the storage  
section of the control apparatus to the information management  
apparatus; and

10           wherein the information management apparatus comprises:

              a communication section which receives the radiographing order information correlated with the identification information of the cassette transmitted by the communication section in the control apparatus; and

15           a storage section which stores the received radiographing order information correlated with the identification information of the cassette.

7. (Currently Amended) A medical image management method for a medical image radiographing system comprising: (i) a control apparatus which manages a radiographed medical image and radiographing order information by relating the radiographed 5 medical image to the radiographing order information, and which transmits the radiographing order information, and (ii) a portable terminal which receives the radiographing order information from the control apparatus, the method comprising:

10           obtaining, by the portable terminal, identification information of a cassette which detects the radiographed medical image;

              storing, at the portable terminal, the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received

15 radiographing order information, the radiographing order  
information being ~~updated~~ renewed according to radiographing;  
transmitting the ~~updated~~ radiographing order information  
from the portable terminal to the control apparatus;  
receiving the ~~updated~~ radiographing order information at the  
20 control apparatus;

determining whether or not the received ~~updated~~  
radiographing order information agrees with the ~~stored~~  
radiographing order information stored at the control apparatus;  
and

25 ~~updating renewing~~ the stored radiographing order information  
to the received ~~updated~~ radiographing order information when it  
is determined that the received ~~updated~~ radiographing order  
information does not agree with the stored radiographing order  
information.

8. (Currently Amended) The method of claim 7, further  
comprising storing the identification information of the cassette  
correlated with the stored radiographing order information, when  
the received ~~updated~~ radiographing order information agrees with  
5 the stored radiographing order information.

9. (Currently Amended) The method of claim 7, further  
comprising:

displaying a message which confirms whether or not to ~~update~~  
renew the stored radiographing order information, when it is  
5 determined that the received ~~updated~~ radiographing order  
information disagrees with the stored radiographing order  
information;

inputting an instruction instructing whether or not to  
~~update~~ renew the stored radiographing order information; and  
10 ~~updating~~ renewing the stored radiographing order information  
to the received ~~updated~~ radiographing order information, and  
storing the ~~updated~~ renewed radiographing order information, when  
the instruction to ~~update~~ renew the stored radiographing order  
information is inputted.

10. (Currently Amended) The method of claim 9, further  
comprising:

inputting a modification to the ~~updated~~ radiographing order  
information; and

5 ~~updating~~ renewing the stored radiographing order information  
to the modified radiographing order information, and storing the  
~~updated~~ renewed radiographing order information, when the  
instruction to ~~update~~ renew the stored radiographing order  
information and the modification are inputted.

11. (Currently Amended) The method of claim 9, further comprising:

storing a transmission history which indicates whether or not the radiographing order information has been transmitted to 5 the portable terminal;

displaying a message which confirms whether or not to cancel the ~~updated~~ radiographing order information, when it is determined that the ~~updated~~ radiographing order information disagrees with the stored radiographing order information;

10 inputting an instruction instructing whether or not to cancel the ~~updated~~ radiographing order information;

transmitting the instruction to cancel the ~~updated~~ radiographing order information to the portable terminal, and updating renewing the transmission history of the radiographing 15 order information to indicate that the ~~updated~~ radiographing order information has been canceled, when the instruction to cancel the ~~updated~~ radiographing order information is inputted;

receiving, at the portable terminal, the instruction to cancel the radiographing order information; and

20 deleting, at the portable terminal, the ~~updated~~ radiographing order information corresponding to the radiographing order information for which the instruction to cancel is received.

12. (Previously Presented) The method of claim 7, further comprising:

transmitting the stored radiographing order information correlated with the identification information of the cassette to  
5 an information management apparatus;

receiving, at the information management apparatus, the stored radiographing order information correlated with the identification information of the cassette; and

storing, at the information management apparatus, the received radiographing order information correlated with the identification information of the cassette.

10 13. (Currently Amended) A medical image management method for a medical image radiographing system comprising: (i) a control apparatus which manages a radiographed medical image and radiographing order information by relating the medical image to the radiographing order information and transmits the radiographing order information, and (ii) a portable terminal which receives the radiographing order information from the control apparatus, the method comprising:

obtaining, by the portable terminal, identification information of a cassette which detects the radiographed medical image;

storing, at the portable terminal, the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received 15 radiographing order information, the radiographing order information being edited and ~~updated~~ renewed according to radiographing;

transmitting the ~~updated~~ radiographing order information from the portable terminal to the control apparatus;

20 receiving the ~~updated~~ radiographing order information at the control apparatus;

determining whether or not the ~~updated~~ radiographing order information received by the control apparatus agrees with the stored radiographing order information stored at the control 25 apparatus; and

storing the identification information of the cassette by relating the identification information of the cassette to the stored radiographing order information, when it is determined that the ~~updated~~ radiographing order information received by the 30 control apparatus agrees with the stored radiographing order information.

14. (Currently Amended) A medical image radiographing system comprising:

a control apparatus which manages a radiographed medical image and radiographing order information by relating the 5 radiographed medical image to the radiographing order information and transmits the radiographing order information; and

a portable terminal which receives the radiographing order information from the control apparatus,

wherein the portable terminal comprises:

10 an obtaining section which obtains identification information of a cassette that detects the radiographed medical image;

15 a storage section which stores the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received radiographing order information, the radiographing order information being edited and ~~updated~~ renewed according to radiographing;

20 a communication section which transmits the ~~updated~~ radiographing order information; and

wherein the control apparatus comprises:

a storage section which stores the radiographing order information transmitted to the portable terminal;

25 a communication section which receives the ~~updated~~ radiographing order information transmitted from the portable terminal; and

a management section which ~~updates~~ renews the radiographing order information stored in the storage section to the received ~~updated~~ radiographing order information, correlates 30 the ~~updated~~ renewed radiographing order information with the identification information of the cassette based on the received ~~updated~~ radiographing order information, and stores the identification information of the cassette in the storage section.

15. (Currently Amended) The system of claim 14, wherein the control apparatus further comprises a determination section which determines whether or not the received ~~updated~~ radiographing order information agrees with the radiographing order information stored in the storage section,

wherein the communication section of the control apparatus transmits a message which confirms whether or not to ~~update~~ renew the stored radiographing order information to the portable terminal, and receives an instruction on whether or not to ~~update~~ 10 renew the stored radiographing order information from the portable terminal, when the received ~~updated~~ radiographing order information disagrees with the radiographing order information stored in the storage section, and

the management section stores the received ~~updated~~ radiographing order information in the storage section by

20 updating renewing the stored radiographing order information to the received ~~updated~~ radiographing order information, and stores the identification information of the cassette in the storage section by relating the identification information of the cassette to the ~~updated~~ renewed radiographing order information, when the instruction to ~~update~~ renew the radiographing order information is received from the portable terminal.

16. (Currently Amended) The system of claim 15, wherein the management section in the control apparatus stores the identification information of the cassette in the storage section by relating the identification information of the cassette to the stored radiographing order information when the instruction not to ~~update~~ renew the radiographing order information is received from the portable terminal.

17. (Currently Amended) The system of claim 14, wherein in the control apparatus, the storage section stores a transmission history which indicates whether or not the radiographing order information is transmitted to the portable terminal,  
5 wherein the communication section of the control apparatus transmits a message which confirms whether or not to cancel the received ~~updated~~ radiographing order information, and receives an instruction to cancel the received ~~updated~~ radiographing order

information from the portable terminal, when the received ~~updated~~  
10 radiographing order information disagrees with the radiographing  
order information stored in the storage section, and

wherein the management section ~~updates~~ renews the  
transmission history for the radiographing order information in  
the storage section to indicate that the ~~updated~~ radiographing  
15 order information has been canceled when the instruction to  
cancel the ~~updated~~ radiographing order information is received  
from the portable terminal.

18. (Currently Amended) The system of claim 14, further  
comprising an information management apparatus which transmits  
radiographing order information to the control apparatus,

5 wherein the communication section in the control apparatus  
transmits the ~~updated~~ radiographing order information correlated  
with the identification information of the cassette stored in the  
storage section to the information management apparatus, and

wherein the information management apparatus comprises:

a communication section which receives the ~~updated~~  
10 radiographing order information correlated with the  
identification information of the cassette transmitted by the  
communication section in the control apparatus; and

15 a storage section which stores the received radiographing order information correlated with the identification information of the cassette.

19. (Currently Amended) A medical image management method for a medical image radiographing system comprising: (i) a control apparatus which manages a radiographed medical image and radiographing order information by relating the radiographed medical image to the radiographing order information and transmits the radiographing order information, and (ii) a portable terminal which receives the radiographing order information from the control apparatus, the method comprising:

5 obtaining identification information of a cassette which detects the radiographed medical image;

10 storing, at the portable terminal, the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received radiographing order information, the radiographing order 15 information being edited and ~~updated~~ renewed;

transmitting the ~~updated~~ radiographing order information from the portable terminal to the control apparatus;

receiving the ~~updated~~ radiographing order information from the portable terminal;

20        ~~updating renewing~~ the ~~stored~~ radiographing order information  
~~stored at the control apparatus~~ to the received ~~updated~~  
radiographing order information;

correlating the identification information of the cassette,  
based on the received ~~updated~~ radiographing order information,  
25 with the ~~updated~~ ~~renewed~~ radiographing order information; and  
storing the ~~updated~~ ~~renewed~~ radiographing order information.

20. (Currently Amended) The method of claim 19, further comprising:

5        determining whether or not the received ~~updated~~  
radiographing order information agrees with the stored  
radiographing order information;

transmitting a message which confirms whether or not to  
~~update~~ ~~renew~~ the stored radiographing order information, when the  
received ~~updated~~ radiographing order information disagrees with  
the stored radiographing order information;

10        receiving an instruction on whether or not to ~~update~~ ~~renew~~  
the stored radiographing order information from the portable  
terminal; and

15        storing the ~~updated~~ radiographing order information in a  
storage section of the control apparatus by ~~updating~~ ~~renewing~~ the  
stored radiographing order information to the received ~~updated~~  
radiographing order information, and storing the identification

information of the cassette in the storage section of the control apparatus by relating the identification information of the cassette to the ~~updated~~ radiographing order information, when the  
20 instruction to ~~update~~ renew the stored radiographing order information is received from the portable terminal.

21. (Currently Amended) The method of claim 20, further comprising storing the identification information of the cassette in the storage section of the control apparatus by relating the identification information of the cassette to the stored radiographing order information when the instruction not to  
5 ~~update~~ renew the radiographing order information is received from the portable terminal.

22. (Currently Amended) The method of claim 19, further comprising:

5 storing a transmission history which indicates whether or not the radiographing order information is transmitted to the portable terminal;

transmitting a message which confirms whether or not to cancel the received ~~updated~~ radiographing order information, when the received ~~updated~~ radiographing order information disagrees with the stored radiographing order information;

10 receiving an instruction to cancel the received ~~updated~~  
radiographing order information from the portable terminal; and  
15 updating renewing the transmission history for the  
radiographing order information to indicate that the ~~updated~~  
radiographing order information has been canceled when the  
instruction to cancel the received ~~updated~~ radiographing order  
information is received from the portable terminal.

23. (Currently Amended) The method of claim 19, further  
comprising:

5 transmitting the ~~updated~~ radiographing order information and  
the identification information of the cassette to an information  
management apparatus;

receiving the ~~updated~~ radiographing order information and  
the identification information of the cassette; and

storing the received radiographing order information and the  
identification information of the cassette.

24. (Currently Amended) A medical image management method  
for a medical image radiographing system comprising: (i) a  
control apparatus which manages a radiographed medical image and  
radiographing order information by relating the radiographed  
5 medical image to the radiographing order information and  
transmits the radiographing order information, and (ii) a

portable terminal which receives the radiographing order information from the control apparatus, the method comprising:

10 obtaining, by the portable terminal, identification information of a cassette which detects the radiographed medical image;

15 storing, at the portable terminal, the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received radiographing order information, the radiographing order information being edited and ~~updated~~ renewed according to radiographing;

transmitting the ~~updated~~ radiographing order information from the portable terminal to the control apparatus; and

20 storing the ~~updated~~ radiographing order information received by the control apparatus in a storage section of the control apparatus by ~~updating~~ renewing the radiographing order information previously stored in the storage section of the control apparatus to the ~~updated~~ radiographing order information received by the control apparatus, and storing the identification information of the cassette in the storage section of the control apparatus by relating the identification information of the cassette to the stored radiographing order information.

Claims 25-46 (Cancelled).